

## Fig.1.

## NHS76VH\* Translated Sequence

Sequence Range: 1 to 351

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      10      20      30      40      50      60
CAGGTGCAGCTGCAGGAGTCCGGCCCAGGACTGGTGAAGCCTTCGGAGACCCTGTCCCTC
GTCCACGTCGACGTCTCAGGCCGGGTCTGACCACCTTCGGAAGCCTCTGGGACAGGGAG
Q V Q L Q E S G P G L V K P S E T L S L> 20
TRANSLATION OF NHS76VH* [A]>

      70      80      90     100     110     120
ACCTGCGCTGTCTCTGGTTACTCCATCAGCAGTGGTTACTACTGGGGCTGGATTTCGGCAG
TGGACGCGACAGAGACCAATGAGGTAGTCGTCACCAATGATGACCCCGACCTAAGCCGTC
T C A V S G Y S I S S G Y Y W G W I R Q> CDR1 40
TRANSLATION OF NHS76VH* [A]>

     130     140     150     160     170     180
CCCCCAGGGAAGGGGCTGGAGTGGATTGGGAGTATCTATCATAGTGGGAGCACCTACTAC
GGGGGTCCCTTCCCCGACCTCACCTAACCCTCATAGATAGTATCACCCCTCGTGGATGATG
P P G K G L E W I G S I Y H S G S T Y Y> CDR2 60
TRANSLATION OF NHS76VH* [A]>

     190     200     210     220     230     240
AACCCGTCCTCAAGAGTCGAGTCACCATATCAGTAGACACGTCCAAGAACCAGTTCTCC
TTGGGCAGGGAGTTCTCAGCTCAGTGGTATAGTCATCTGTGCAGGTTCTTGGTCAAGAGG
N P S L K S R V T I S V D T S K N Q F S> 80
TRANSLATION OF NHS76VH* [A]>

     250     260     270     280     290     300
CTGAAGCTGAGCTCTGTGACCGCCGCAGACACGGCCGTGTATTACTGTGCAAGAGGGAAG
GACTTCGACTCGAGACACTGGCGGCGTCTGTGCCGGGCACATAATGACACGTTCTCCCTTC
L K L S S V T A A D T A V Y Y C A R G K> CDR3 100
TRANSLATION OF NHS76VH* [A]>

     310     320     330     340     350
TGGTCGAAGTTTGACTATTGGGGCCAAGGCACCCTGGTCACCGTCTCTTCA
ACCAGCTTCAAACCTGATAACCCCGGTTCCGTGGGACCAGTGGCAGAGAAGT
W S K F D Y W G Q G T L V T V S S>
TRANSLATION OF NHS76VH* [A]>
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2/8

## Fig.2.

## NHS76VL\* Translated Sequence

Sequence Range: 1 to 324

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      10      20      30      40      50      60
TCCTCTGAGCTGACTCAGGACCCTGCTGTGTCTGTGGCCTTGGGACAGACAGTCAGGATC
AGGAGACTCGACTGAGTCCTGGGACGACACAGACACCGGAACCCTGTCTGTCAGTCCTAG
S S E L T Q D P A V S V A L G Q T V R I> 20
_____TRANSLATION OF NHS76VL* [A]_____>

      70      80      90     100     110     120
ACATGCCAAGGAGACAGCCTCAGAAGCTATTATGCAAGCTGGTACCAGCAGAAGCCAGGA
TGTACGGTTCCTCTGTCTCGGAGTCTTCGATAATACGTTTCGACCATGGTCGTCTTCGGTCCT
T C [Q G D S L R S Y Y A S] W Y Q Q K P G> CDR1 40
_____TRANSLATION OF NHS76VL* [A]_____>

     130     140     150     160     170     180
CAGGCCCCCTGTACTTGTCTATGTTAAACAAACCGGCCCTCAGGGATTCCAGACCGA
GTCCGGGGACATGAACAGTAGATACCATTTTTGTTGGCCGGGAGTCCCTAAGGTCTGGCT
Q A P V L V I Y [G K N N R P S] G I P D R> CDR2 60
_____TRANSLATION OF NHS76VL* [A]_____>

     190     200     210     220     230     240
TTCTCTGGCTCCAGCTCAGGAAACACAGCTTCCTTGACCATCACTGGGGCTCAGGCGGAA
AAGAGACCGAGGTCGAGTCCTTTGTGTGCAAGGAACGGTAGTGACCCCGAGTCCGCTT
F S G S S S G N T A S L T I T G A Q A E> 80
_____TRANSLATION OF NHS76VL* [A]_____>

     250     260     270     280     290     300
GATGAGGCTGACTATTACTGTAACTCCCGGGACAGCAGTGGTAACCATGTGGTATTCGGC
CTACTCCGACTGATAATGACATTGAGGGCCCTGTCGTCACCATTGGTACACCATAAGCCG
D E A D Y Y C [N S R D S S G N H V V] F G> CDR3 100
_____TRANSLATION OF NHS76VL* [A]_____>

     310     320
GGAGGGACCAAGCTGACCGTCCTA
CCTCCCTGGTTCGACTGGCAGGAT
G G T K L T V L>
_____TRANSLATION OF NH_____>
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3/8

Fig.3A.

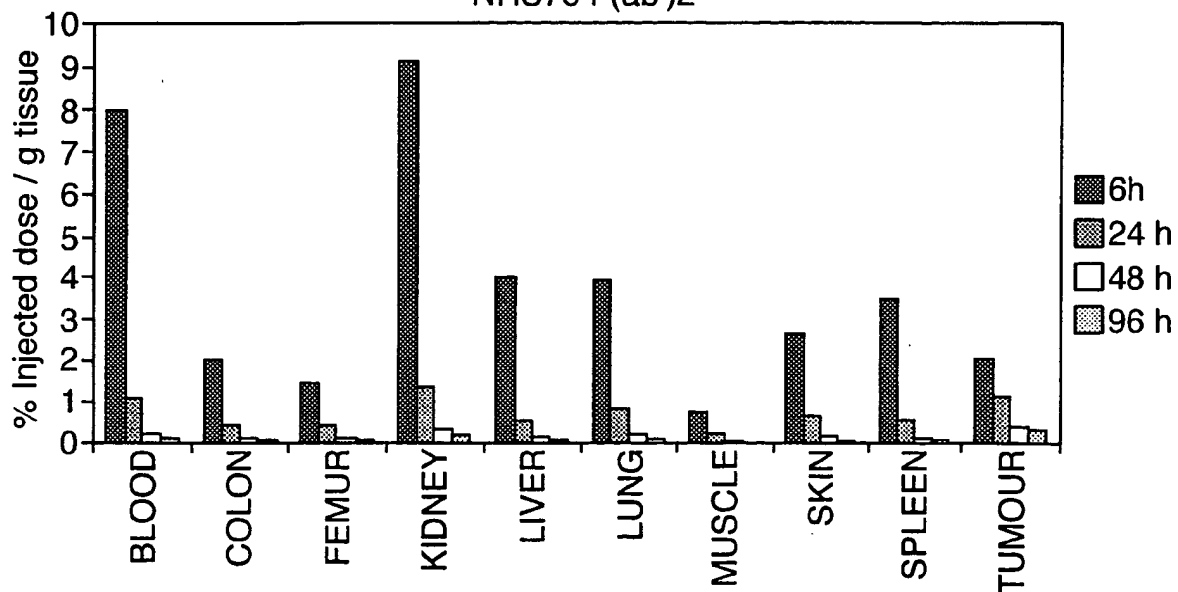
NHS76 F(ab')<sub>2</sub>

Fig.3B.

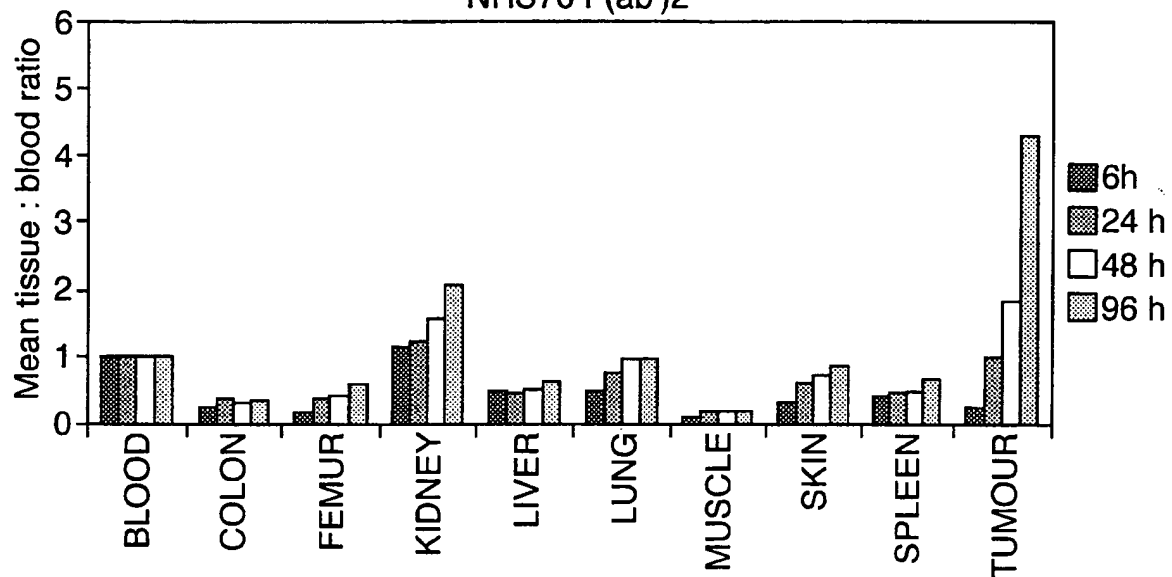
NHS76 F(ab')<sub>2</sub>

Fig.4A.

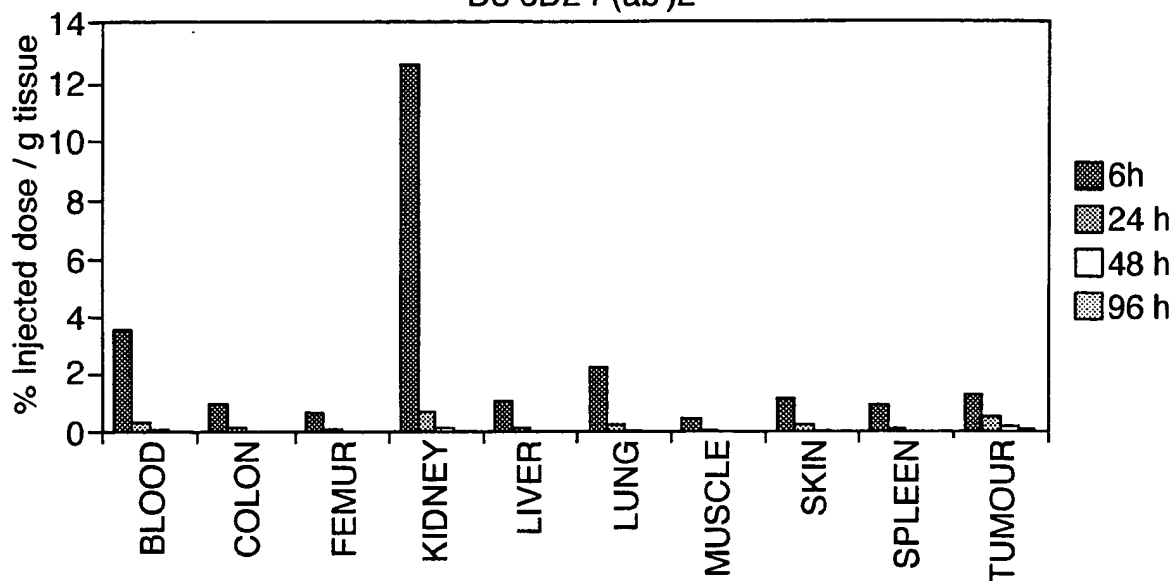
D3 6D2 F(ab')<sub>2</sub>

Fig.4B.

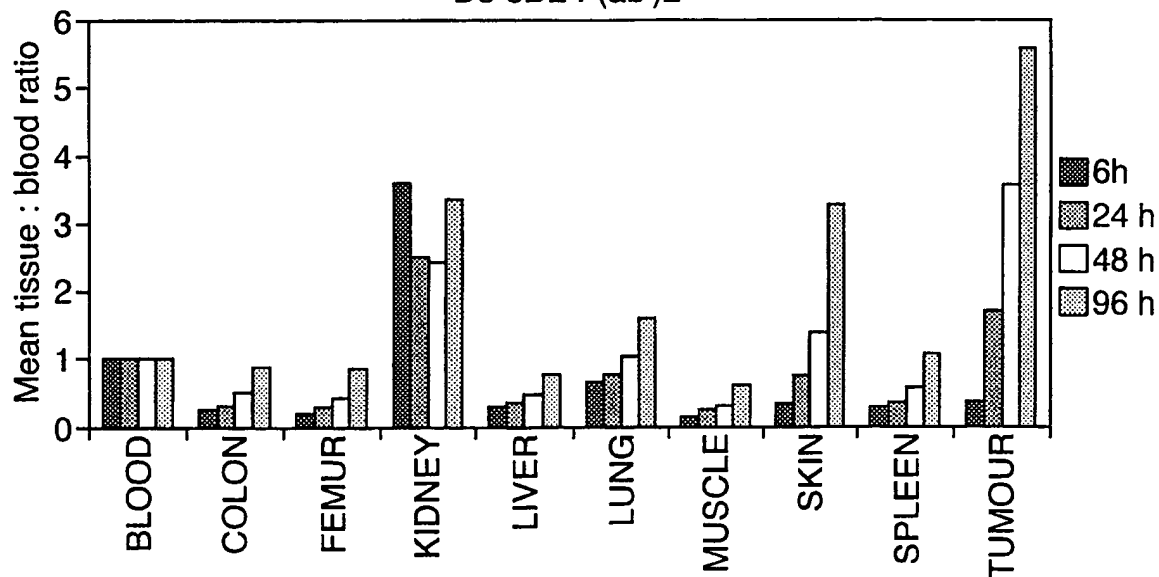
D3 6D2 F(ab')<sub>2</sub>

Fig.5A.

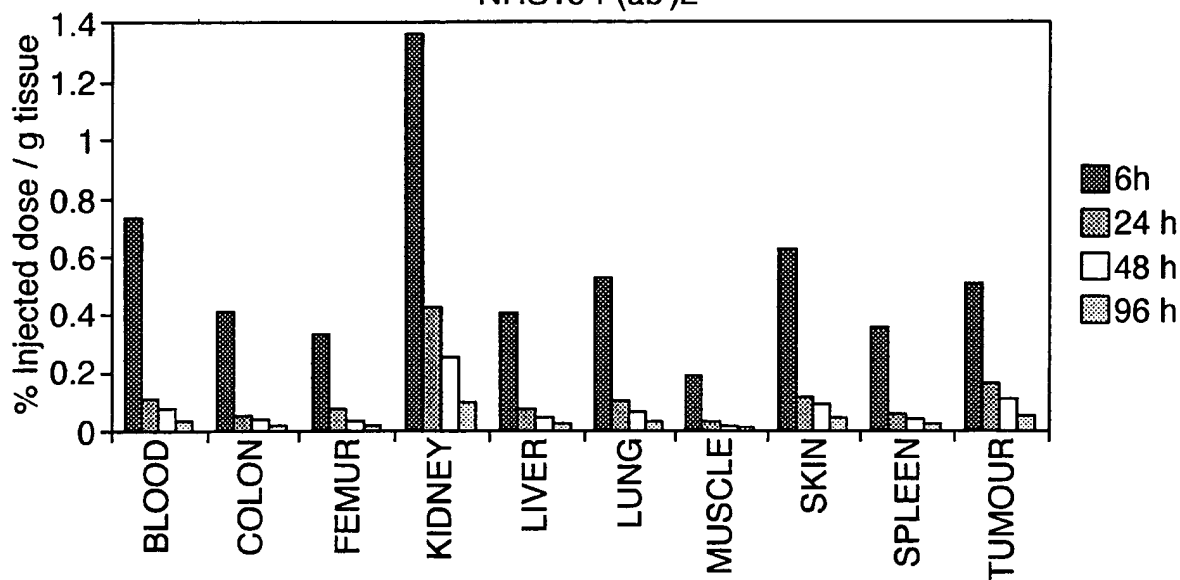
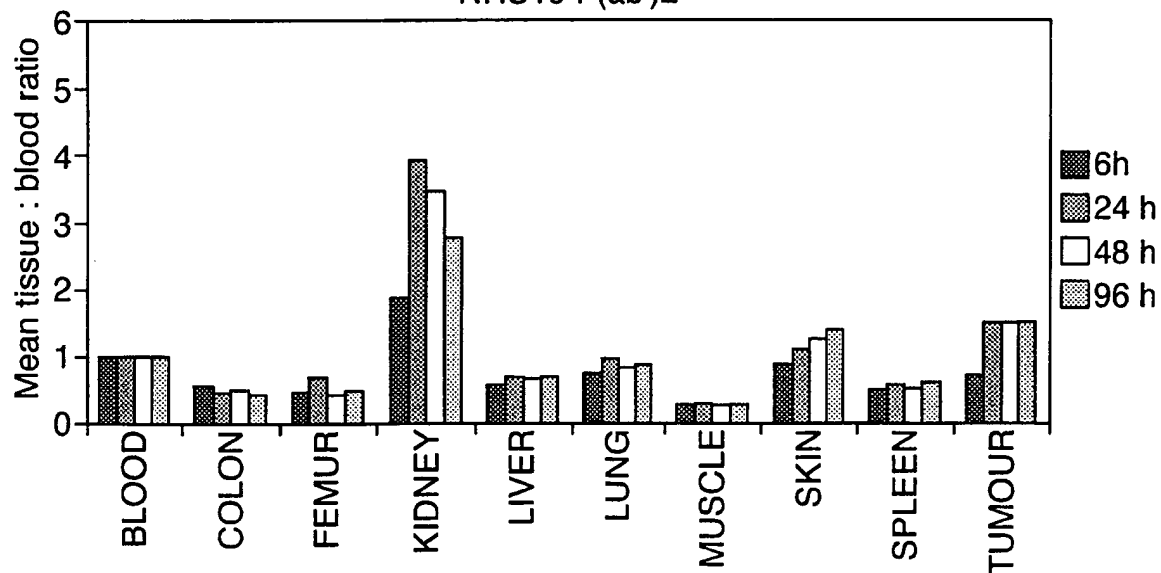
NHS19 F(ab')<sub>2</sub>

Fig.5B.

NHS19 F(ab')<sub>2</sub>

6/8

Fig.6.

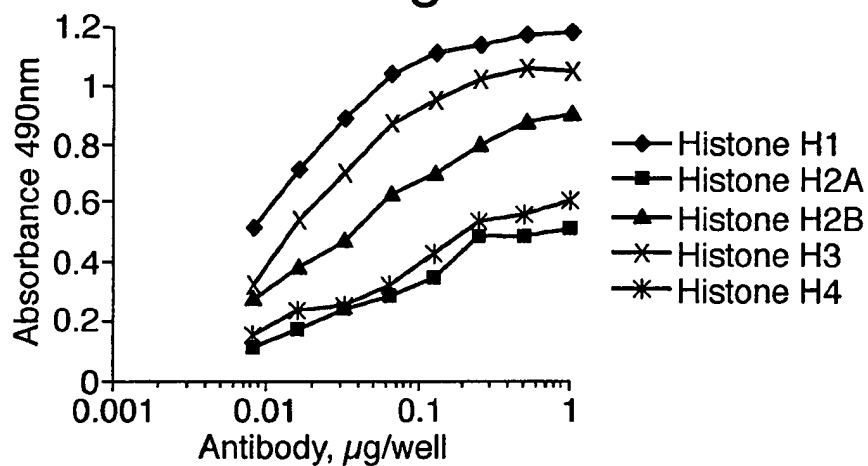
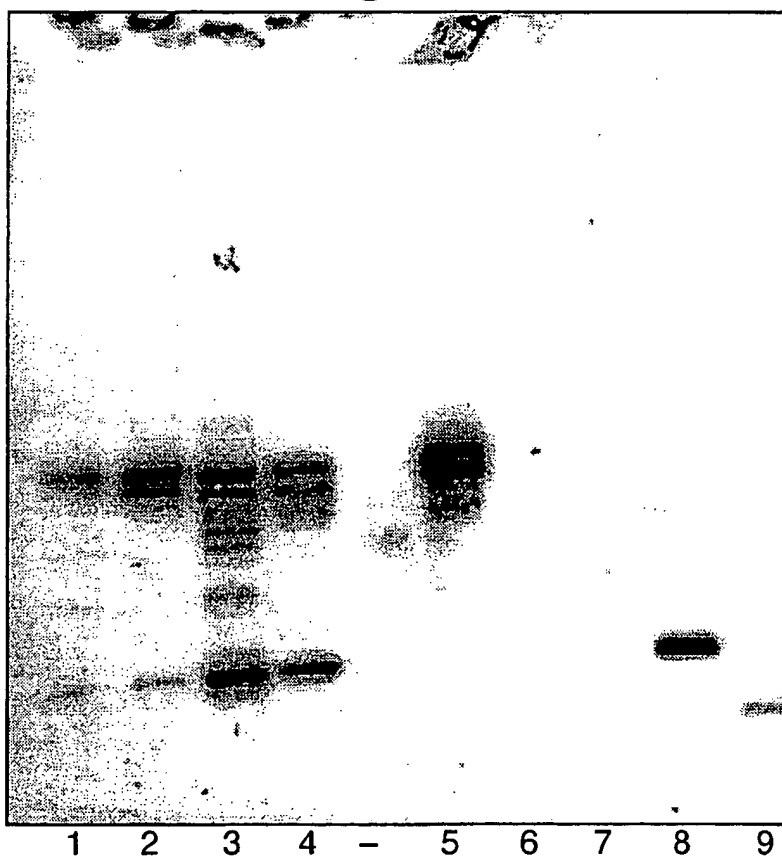
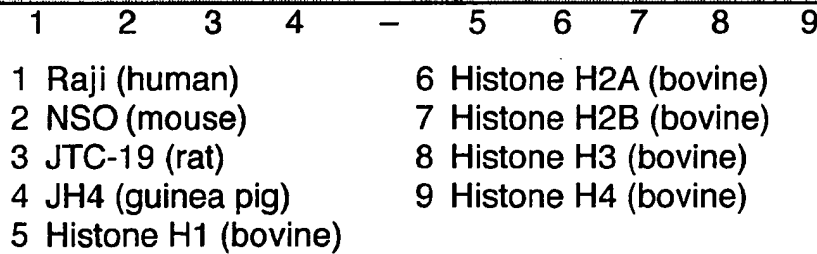


Fig.7A.

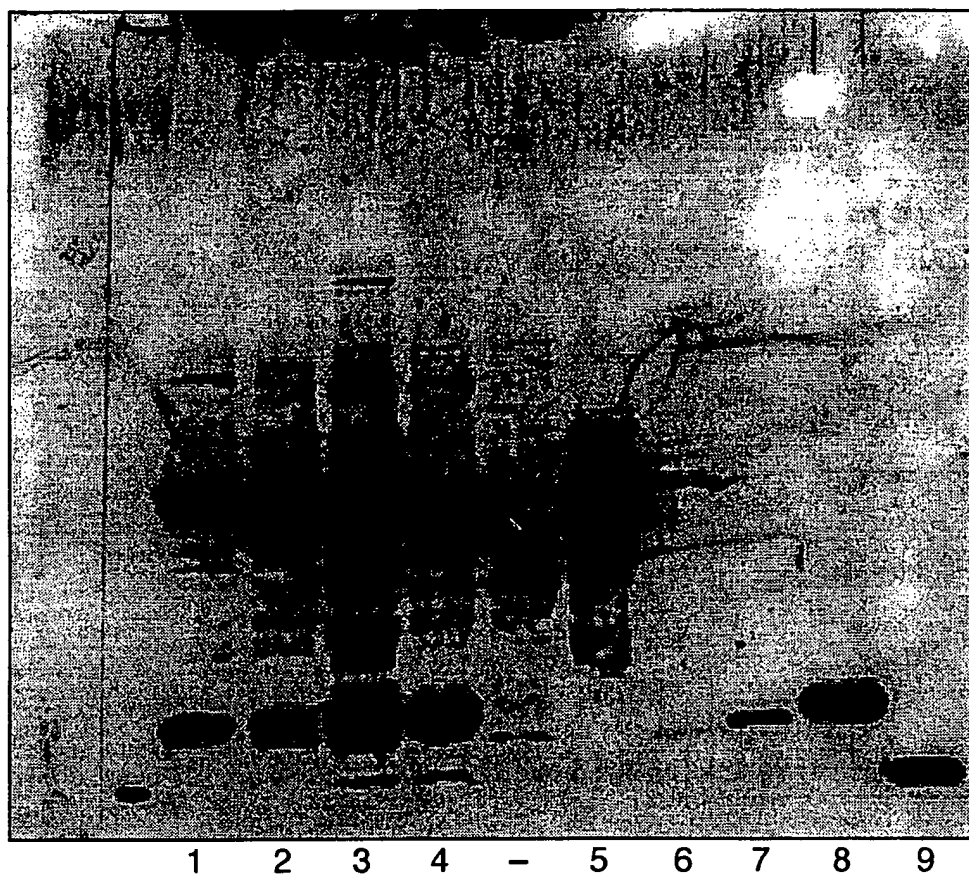


- |                       |                        |
|-----------------------|------------------------|
| 1 Raji (human)        | 6 Histone H2A (bovine) |
| 2 NSO (mouse)         | 7 Histone H2B (bovine) |
| 3 JTC-19 (rat)        | 8 Histone H3 (bovine)  |
| 4 JH4 (guinea pig)    | 9 Histone H4 (bovine)  |
| 5 Histone H1 (bovine) |                        |



- 1 Raji (human)
- 2 NSO (mouse)
- 3 JTC-19 (rat)
- 4 JH4 (guinea pig)
- 5 Histone H1 (bovine)

Fig.7C.



1 Raji (human)  
2 NSO (mouse)  
3 JTC-19 (rat)  
4 JH4 (guinea pig)  
5 Histone H1 (bovine)

6 Histone H2A (bovine)  
7 Histone H2B (bovine)  
8 Histone H3 (bovine)  
9 Histone H4 (bovine)